TONKAL', V.A., kand. med. nauk

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l. Klinika kostno-sustavnogo tuberkuleza (zav.- prof. B.S. Kutsenok) Ukrainskogo nauchno-issledovataliskogo instituta tuberkuleza i grudnoy khirurgii imeni akademika F.G. Yanovskogo (dir.- dotaent A.S. Mamolat), Kiyev.

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756230002-5"

TONKAL', V.Yo., inzh.

Static electromagnetic frequency converting device. Energ. i elektrotekh. prom. no.3:38-40 J1-S '64. (MIRA 17:11)

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NEGOVSKIY, N.A.; FEDOROV, A.I.; GREKOV, M.A.; KURBATOV,
S.T.; MEL'NICHUK, A.N.; TONKAL', Ye.A.; GORNAYA, V.Ya.;
ROZHDESTVENSKIY, I.G.; SIDOROV, A.A.; KUDARENKO, F.F.;
BROVKINA, Ye.A.; GELLER, I.A.; DOBROTVORTSEVA, A.V.;
VARSHAVSKIY, B.Ya.; KUTSURUBA, N.V.; KUZ'MICH, S.I.;
PRESNYAKOV, P.V.; USHAKOV, A.F.; SHEVCHENKO, V.N.;
KHUCHUA, K.N.; PETRUKHA, Ye.I.; POZHAR, Z.A.; SHAPOVALOV,
P.T.; AREF'YEV, T.I.; GRIGOR'YEVA, A.I., red.; BALLOD,
A.I., tekhn. red.

[Sugar beets] Sakharnaia svekla. Moskva, Sel'khozizdat, 1963. 487 p. (MIRA 16:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut sakharnoy svekly. 2. Nauchnyye sotrudniki Vsesoyuznogo nauchno-issledovatel'skogo instituta sakharnoy svekly (for all except Grigor'yeva, Ballod). (Sugar beets)

MUTSENOK, B.S.; STEPANSKAYA, O.Kh.; TOHKAL', V.A.

Sulfamethin (sulfone 2) therapy of osteoarticular tuberculosis.
Probl.tub. 34 no.6 supplement:31-32 N-D'56. (MIRA 10:2)

1. Iz Ukrainskogo instituta tuberkuleza (dir. A.S.Mamolat), Kiyev.

(TUBERCULOSIS, OSTEOARTICULAR, therapy,
diaminodiphenylsulfone deriv. (Rus))

(SULFORES, therapeutic use,
diaminodiphenylsulfone deriv. in osteoarticular tuberc. (Rus))

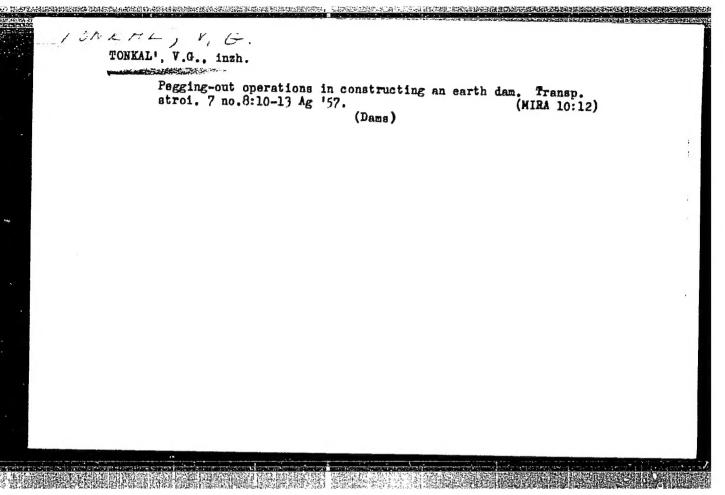
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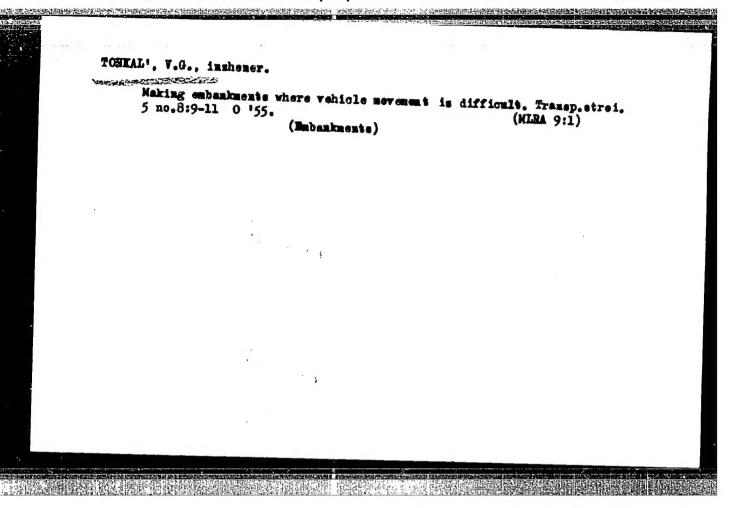
TONKAL', V.A.

Concentration of streptomycin in the blood, cold abscesses, and tissues around tuberculous joints. Probl.tub. 34 no.6 supplement: 47 N-D 156. (MIRA 10:2)

1. Is Ukrainskogo instituta tuberkuleza (dir. A.S.Mamolat)
(TUBERCULOSIS, OSTEOARTICUIAR, therapy
streptomycin, concentration in tissues around
infected joint (Rus))
(STEEPTOMYCIN, metabolism,
tissues around tuberc. joint (Rus))

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756230002-5"





MILYAKH, A.N. [Mileakh, C.M.]; TONKAL!, V.Yo. [Tonkal!, V.IU.] Static frequency converter using electromognetic elements. Dep. AN URSR no.61727-730 165.

> 1. Institut elektrodinamiki AN UkrSSR. 2. Chlen-korrespondent AN UkrSSR (for Milyakh).

(MIRA 18:7)

IUNKAL, ye. d.

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour

: Ref Zhur - Biol., No 3, 1958, 10924

Author

: Tonkal Ye.A.

Inst

-

Title

The Influence of Fundamental and Mineral Fertilization on

the Sugar Beet Yield.

Orig Puo

: Udobreniye i urozhay, 1956, No 3, 28-33

Abstract

: At the Uladov Testing Station application of a three-way organic-mineral mixture on an NK base did not increase the sugar beet yield. Application of superphosphate mixed with 0.5 T. of humus during the autumn plowing, and at the same time plowing in NK, raised the yield by 40 centners/hectare. A somewhat larger yield was attained when ten tons of manure, unmixed with mineral fertilizers, were added as a supplement to the full mineral fertilization. In a number of other experiments plowing mixed.

neral fertilizers under in autumn, especially when

Card 1/2

USSR/Cultivated Plants - Technical, Oil, and Sugar Plants.

M-4

Abs Jour : Ref Zhur - Elol., No 3, 1958, 10924

supplemented by manure, gave significantly better results than application of an organic-mineral mixture in spring during the pre-sowing cultivation. On the average, out of six experiments conducted on the kolkhozes of Cherkasskaya and Kiyevskaya oblast's, an organic-mineral mixture, when applied in spring gave 13.7 centners/hectare increase in beet yield, when the usually recommended fertilizers (10 T. of manure plus NPK) were added in autumn the yield increase was 43.8 centners/hectare. The author considers it inadvisable to recommend insertion of fertilizers in spring with the cultivator at a shallow level in view of the deep penetration of the beet's root system.

Card 2/2

30

TONKAL',	
ANNOTES TERROTES	Unia Cultiveted Plants. Corneralal Sleiferous.
· !AD: . ECT.	: F7hBiol., Fe. 4, 1959, Wh. 15768
· MACHOD	: Contral Y; Gorneya, V.Ya.
1030.	Dates and Methods of Placing Basic Fertilizer Under Sugar Beets.
DWID. FWF.	. Utobreniye i unoziny, 1968, Vo.3, 39-47
and the state of t	•
ABETACT'	The optimal dates of the basic placement of mineral fertilizer and the depth of imbedding them depend on the soil-climatic characteristics of the individual best sowing cones. The drier the climate the more preferable is autumn placement of the basic fertilizer under autumn ploughland with embedding at a 15 to 20 cm depth. In the best sow rayons of the eastern oblasts of the Ukrainian SS the contral chermozem belt of the RSF3R and the republics of Central Asia the basic fortilizer under sugar bests must be placed with embedding be

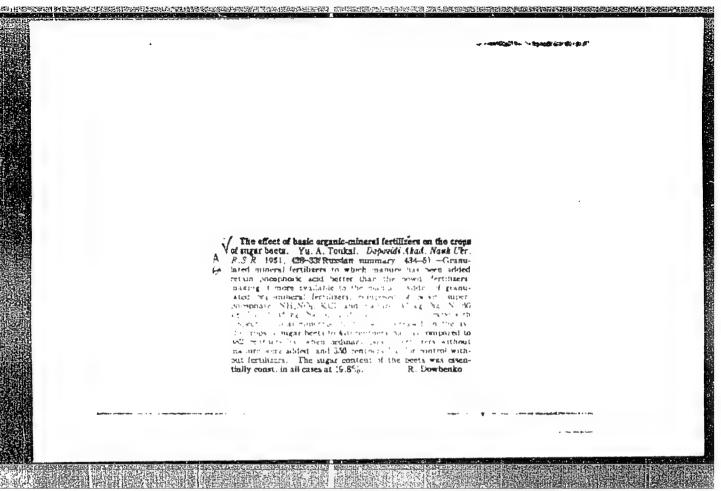
COUNTRY CATEGORY ABS. JOUR. EZhBiol., No. 4, 1959, No. 15768 MERCHA IdS%. TIME ORIG. FUB. plow during deep plowing. But in the beet sowing ARSTRACT areas of the Baltic republics, and also in the oblasts of the Ukrainian SSR, it is necessary to place nitrogen fertilizers in the spring under presowing cultivation and in supplementary nutrition. In the western oblasts of the Ukrainian SSR it is more expedient to place the phosphorus-potassium fertilizers under deep plowing, and in the rayons of the Latvian SSR in the autumn under ploughland or in spring under presowing cultivation. Card: 2/2 -- B.L. Klyachko-Gurvich

TONKAL YE. A.: DOBROTVORSKAIA, K.M.

Fertilizers and Manures

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TONKAL, Yn. A.; DOBROTVORSKAYA, O.M. [Dobrotvors'ka, O.M.]; LOPATYUK, F.I.

Effectiveness of menilite shales as a new fertilizer for grain crops and sugar beets. Pratsi Inst. agrobiol. AN URSR 2 [pt. 2463-70 '53.

(Grain)
(Sugar beets)
(Shale)

VYRSKIY, Sergey Pavlovich; TONKASHOV, Petr Vasiliyevich; NIKITIN, L.I., redaktor; ETUSH, L.A., redaktor izdatel'stva; BRATISHKO, L.V., tekhnicheskiy redaktor

[Experience in repairing trucks hauling lumber] Opyt remonta lesovoznykh avtomobilei. Moskva, Goslesbumizdat, 1957. 59 p. (Motortrucks--Maintenance and repair) (MLRA 10:8)

TONKEL, I., inzh.; RELENOV, I., inzh.; SEROKO, V., inzh.

How to protect the wood of birch from rot. Mast.lesa no.5:11
My '57. (MIRA 10:10)

1.TSentral'nyy nauchno-issledovatel'skiy institut lesosplava.
(Birch) (Wood--Préservation)

TORREL, I. I.

Agriculture

Measures for preventing the sinking of timber in rafting, Moskva, Goslesbumizdat, 1951

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TONKEL', I.

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TONKEL , losif Ignat yevich; SHCHERBINSKIY, Ya.N., red.; MOROZOV, Yu.V.,

[Preparing hardwoods for floating] Podgotovks k splavu drevesiny listvennykh porod. Moskva, Goslesbumizdat, 1957. 52 p. (Lumber--Transportation) (MIRA 11:2)

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(Birch) (Wood--Moisture) (Lumber--Transportation)

(Birch) (Wood--Moisture) (Lumber--Transportation)

TORKEL, I. I.

Mery bor'by s utopom listvennykh porod na lesoplave (Measures for preventing the sinking of timber in rafting). Moskva, Goslesbumizdat, 1951 36 p.

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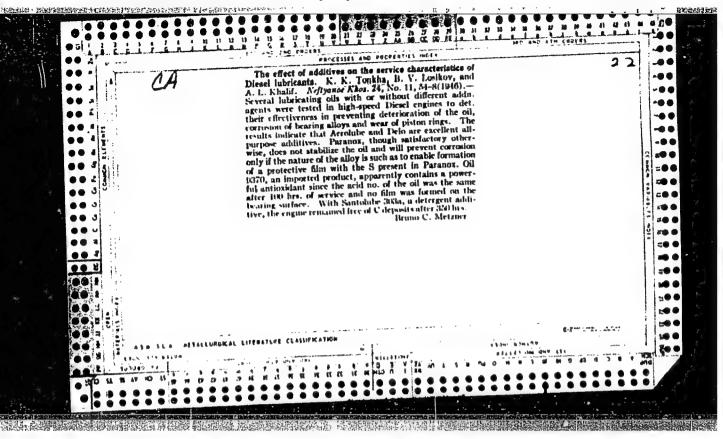
- 1. TONKEL', I. I.
- 2. USSR (600)
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- 7. Girdling as a means of raising the floatability of standing timber, Les. prom., 13, no. 4, 1953.

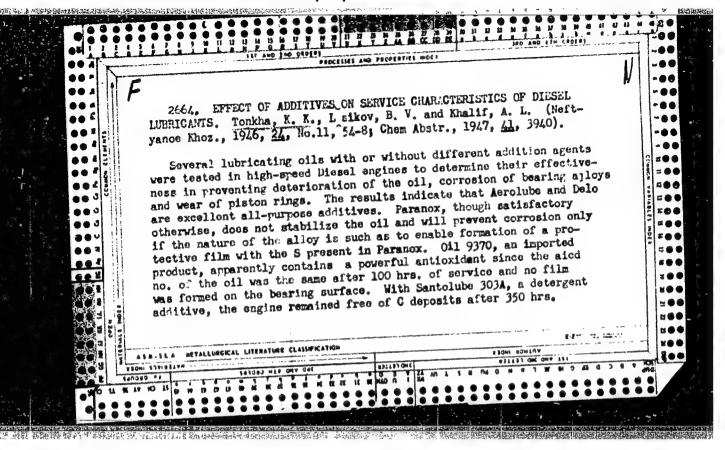
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Tonkha, K. K., Losikov, D. V., and Khalif, L. Who on each of an admixture on the improvement of the properties of diesel oils, West. know-vo, 1705, No. 11, v. 56-57 SO: U-2888, Letonis Zaumal'num Statev, No. 1, 1969.





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Adaptive-trophic cunction of sympathetic nervous system.
Report submitted to the 22nd Intl. Congress of Physiological Sciences, Leiden, Netherlands 10-17 Sep 1962
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TONKIKH, A., podpolkovnik

Methods for the instruction of officers. Voen. vest. 38 nc. 3:63-64 Ag '58.

(Russia--Army--Officers)

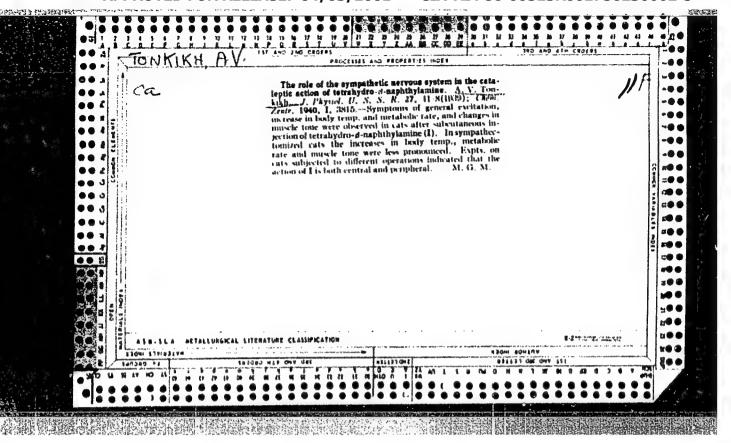
TONNIKH A., podpolkovnik Joint operations of rifle and tank platoons, Voen, vest, 38 no.5:50-51 My '58. (MIRA 11:5) (Tank warfare) (Infantry drill and tactics) (Tactics)

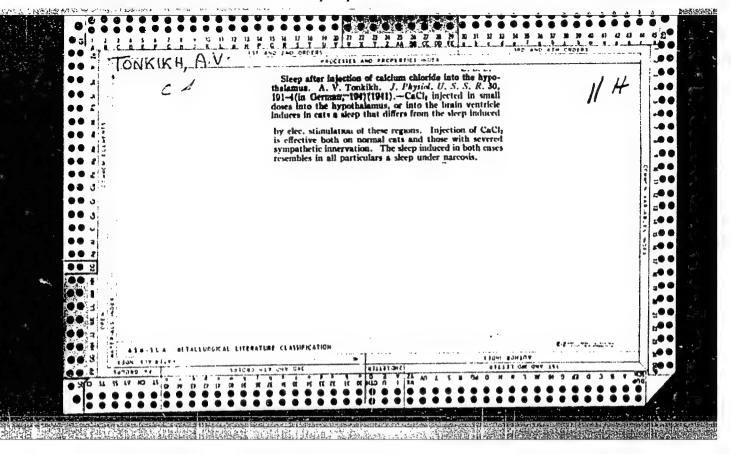
TONKIKH, A.

30516

Uchyenyy*patriot. Cov. zhyenshehina, 1949, No 5, S. 54-55.

S0: Letopis' No. 34





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"New Lata Concerning the Physiology of the Hypothysic" (F.3.1) by To Pic, A.V.

SO: Advances in Modern Biology (Uspekh' Sovremennoi Biologii) Vol. XXI. No. 3, 1946

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"Neuro-Endocrin Factors in Generation of Pheumonia. Communication VI. On the Problem of Changes in the Water-Salt Metabolism During the Irritation of the upper Jugular Ganglia." Zef. Zhur., Vol 33, No 5, 1917, p 565. Physiology Instiment Academician I. P. Pavlov, Acad Sci USSR.

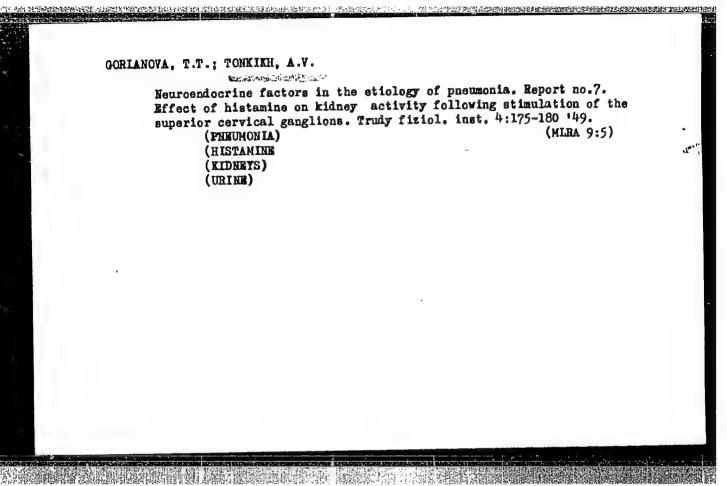
SO: U-4396

TOMKIKH, A. V. (Co-author)

See: GERSHUNI, G. V.

Gershumi, G. V. and Tonkikh, A. V. - "Electrical manifestations of the activity of various divisions of the central nervous system of the cat when it is asleep and awake," Trudy Fiziol. in-ta im. Pavlova, Vol. III, 1949, p. 11-31 -- Bibliog: p. 31

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).



TONKIKH, A.V.

Paylov's theory on digestion and its significance in medicine. Sovet.vrach.sborn. no.17:7-12 5 '49. (CIML 19:2)

1. Of the Physiological Institute imeni I.P.Pavlov of the Academy of Sciences USSR.

Tonkikh, A.V. USSR/Medicine - Physiology

FD-923

Card 1/1

Pub 33-6/29

Author

: Bekauri, N. V. Il'ina, A. I., and Tonkikh, A. V.

Title.

: Physiology of pulmonary blood circulation

Periodical

: Fiziol. zhur. 40, 295-301, May/Jun 1954

Abstract

: The flow of blood in veins is usually uniform and pulsation in veins is less pronounced than in arteries. When cardiac activity slackens the blood flow stops first in veins, while in arteries the flow of blood continues even though at slow pace. The number of visible arterioles and capillaries in lungs is not constant: their number may fluctuate depending on changes in the conditions under which experiments are conducted. "Spontaneous" fluctuations in a number of visible arterioles and capillaries have not been observed. A specially manufactured condenser number 1 (OS-1) was used and all observations were conducted on warm-blooded animals (cats and rabbits). Photograph of OS-1. Nine non-Soviet references.

Institution

: Laboratory of Nervous Trophicity, Institute of Physiology imeni

I. P. Pavlov, Academy of Sciences USSR, Leningrad

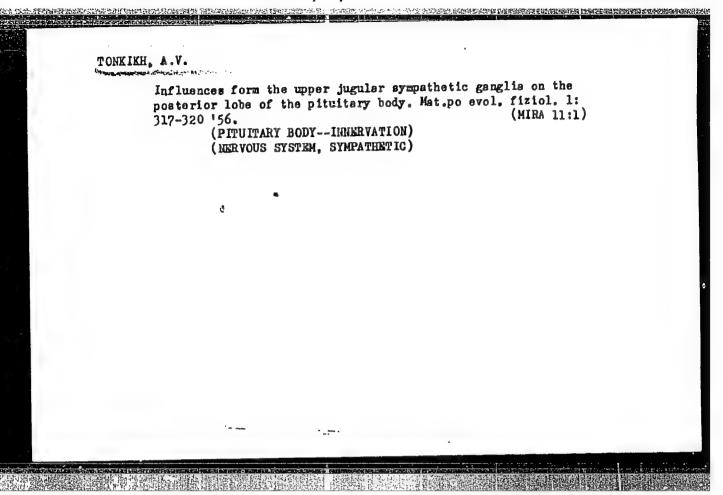
Submitted

: October 28, 1952

TONKIKH, A.V.

Physiology of the hypothalamo-pituitary system. Probl. endokr. 1 gorm. Moskva 1 no.3:3-9 My-Je '55. (MLRA 8:10)

1. Iz laboratorii nervnoy trofiki Instituta fiziologii imeni
I.P.Pavlova Akademii nauk SSSR
(PITUITARY GLAND, physiology,
hypothalamo-pituitary relationship)
(HYPOTHALAMUS, physiology,
hypothalamo-pituitary relationship)



The problem of experimental hyperthyreosis. Report No.6: Experiments with chronic excitation of jugular sympathetic nerves in thyroidectomized dogs. Mat. po evol.fiziol. 1:321-332 '56. (MIRA 11:1) (IMERVOUS SYSTEM, SYMPATHETIC) (THYROID GLAND)	

IRRPS, Ye.; MASONOV, D.; TONKIKH, A., BRESTKIN, M.; ZHUKOV, Ye.

60th anniversary of birth of Aleksandr Grigor's wich Ginetsinskii.
Fiziol.zhur. 42 no.3:325-326 Kr '56. (MLRA 9:7)
(BIOGRAPHIES,
Ginetskinskii, Aleksandr G. (Rus))

, UBSR / Human and Animal Physiology. Blood Circulation.

T-4

! Ref Zhur - Biologiya, No 1, 1959, No. 3416 Abs Jour

: Il'ina, A. I.; Tonkikh, A. V. Author

: New Studies on the Neurohormonal Link of Vascular Inst Title

Reactions

: Fiziol. zh. SSSR, 1957, 43, No 1, 3-13 Orig Pub

: In chronic experiments on dogs, after a single 5-minute electric stimulation of the paw, repeated blood pressure Abstract readings were taken with Riva-Ricci. The first wave of the blood pressure elevation set in immediately after the irritation and lasted for 20 - 30 minutes, the second wave started 105 - 120 minutes later, and lasted over 6 hours. The second wave was absent following removal of the hypophysis or ligation of its peduncle, and also after a preliminary denervation of the adrenals.

Card 1/2

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USSR / Human and Animal Physiology. Blood Circulation.

T-4

Abs Jour : Ref Zhur - Biologiya, No 1, 1959, No. 3416

A similar picture was observed in acute experiments on curare-treated cats, when the central end of the sciatic nerve was stimulated. Intravenous administration of adrenalin produced the same diphasic variation of the blood pressure. The authors assume that the second wave is the result of vasopressin release by the posterior pituitary that was stimulated by adrenalin through mediation of the CNS. The first wave is probably produced by a reflectory constriction of vessels and vasopressin secretion. -- S. A. Nadirashvili

Card 2/2

35

GIRETSINSKIY, A.G. (Leningred); KREPS, Ye.M. (Leningred); TONKIKH, A.V. (Leningred)

Leon Abgerovich Orbeli; on his 75th birthday. Fiziol.zhur. 43 no.7:595-599 Jl '57. (MIRA 10:10)

(GRBELI, LEON ABBAROVICH, 1882-)

GINETSINSKIY, A.G., otv. red.; EREPS, Ye.M., red.; TONKIKH, A.V., red.; TARASOV, G.A., red. izd-va,; PEVZMER, R.S., tekhn. red.

[Problems of the evolution of physiological functions, dedicated to the 75th appriversary of Academician L.A.Orbeli] Problemy evolutail fiziologicheskikh funktsii; sbornik, posviashchennyi 75-letiiu akademika L.A.Orbeli, Moskva, 1958, 232 p. (MIRA 11:11)

1. Akademiya nauk SSSR. Institut evolyutsionnoy fiziologii.
(Physiology)

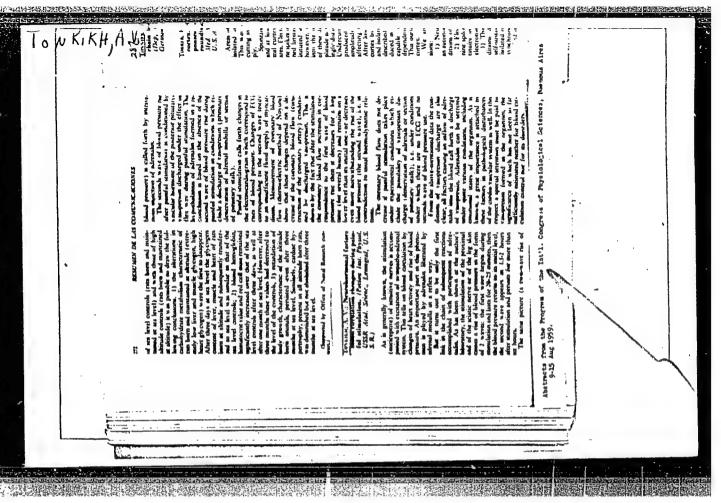
1414 Kith 11. H. 4-IL'INA, A.I.; TONKIKH, A.V. March Col. and Selected States Selected to the Party Selected Sele The mechanism of reflex adrenalin secretion [with summary in English]. Fiziol.zhur. 44 no.4:327-333 Ap 158. (MIRA 11:4) 1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P.Pavlova AH SSSR, Leningrad. (ADRENAL MEDULIA, physiology reflex stimulation & secretion of epinephrine, mechanism (Rus)) (EPINEPHRINE, secretion by adrenal medulla after reflex stimulation. mechanism (Rus))

"The Problem of the Interrelation Between the Anterior Lobe of the Hypophysis and the Suprarenal Cortex."

Theses of the Proceedings of the Annual Scientific Sessions 23-26 March 1959 (All-Union Institute of Experimental Endocrinology)

From the Laboratory of Nerve Trophism of the Institute of Physiology imeni
I. P. Pavlov of the Academy of Sciences USSR (Director--Academician K. M. Bykov).

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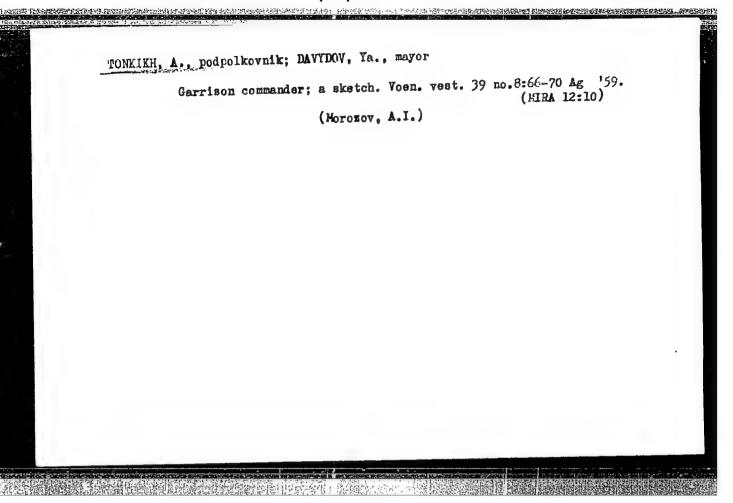
TONKIKH, A.V.; YANKOVSKAYA, TS.L.

Changes in the activity of the adrenal medulla due to the action on the organism of ionizing radiations. Med.rad. 4 no.11:25-29 N 59.

(MIRA 13:2)

l. Is laboratorii nervnoy trofiki Instituta fiziologii imeni I.P. Pavlova AN SSSR.

(ADRENAL MEDULLA radiation effects)
(RADIATION EFFECTS experimental)



TONKIKH, A.V.: IL'INA, A.I.: TEPLOV, S.I.

Mechanisms underlying changes in coronary blood flow accompanying pain stimulation. Fiziol.zhur.SSSR 45 no.7:753-760 J1 159.

(MIRA 13:4)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. I.P. Pavlova AN SSSR, i Patofiziologicheskaya laboratoriya Okruzhnogo voyennogo gospitalya, Leningrad. (CORONARY VESSELS physiology)

(PAIN physiology)

TONKIKH, A. V. (Leningrad)

Adrenalin i retikulyarnaya formatsiya

report submitted for the First Moscow Conference on Reticular Formation, Moscow, 22-26 March 1960.

TONKIKH, A.V.

Neurohormonal factors in the development of sleep. Zhur. vys. nerv. deiat. 10 no.2:285-290 Mr-Ap '60. (MIRA 14:5)

1. Pavlov Institute of Physiology, U.S.S.R. Academy of Sciences, Leningrad.

(ENDOCRINE GLANDS) (SLEEP) (ADRENALINE)

(ELECTROENCEPHALOGRAPHY)

TONKIKH, A.V.; IL'INA, A.I.; TEPLOV, S.I.

Pharmacological analysis of the mechanism of changes in the blood pressure and coronary circulation following painful stimulations. Fiziol. zhur. 46 no.12:1456-1462 D '60. (MIRA 14:1)

I. Laboratoriya nervney trofiki Instituta fiziologii im. I.P.Pavlova AN SSSR, Leningrad. (BLOOD PRESSURE) (CORONARY VESSEIS)

(PHARMACOLOGY)

TO THE STATE OF THE PROPERTY O

ORBELI, Leon Abgarovich [deceased]; VOYNO-YASENETSKIY, A.V., red., toma; VOSKRESENSKAYA, A.K., red. toma; KOSHTOYANTS, Kh.S., red., [deceased]; ASRATYAN, E.A., red.; KREPS, Ye.M., red.; GINETSINSKIY, A.G., red.; LEBEDINSKIY, A.V., red.; TONKIKH, A.V., prof., red.; GOL'DANSKAYA, M.I., red., izd-va; SMIRNOVA, A.V., tekhn. red.

[Selected works in five volumes] Izbrannye trudy v piati tomakh.
Moskva, Izd-vo Akad. nauk SSSR. Vol.1. [Problems of evolutionary
physiology] Voprosy evolutsionnoi fiziologii. 1961. 455 p.
(MIRA 14:9)

1. Chleny-korrespondenty AN SSSR (for Koshtoyants, Agratyan, Kreps).
2. Chleny-korrespondenty Akademii meditsinskikh nauk SSSR (for Ginetsinskiy, Lebedinskiy).

(PHYSIOLOGY)

TONKIKH, A.V.: ILIINA, A.I.; TEPLOV, S.I.

Changes in the coronary circulation and blood pressure during stimulation of the hypothalamus region. Fiziol. zhur. 47 no.7: 801-805 Jl '61. (MI:A 15:1)

1. From the Laboratory of Tropic Innervation, I.P.Pavlov Institute of Physiology, Leningrad.
(CORONARY VESSELS) (BLOOD PRESSURE)
(HYPOTHALAMUS)

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Tonkikh, Anna Vasil'yevna

Hypothalamic-hypophysial region and the regulation of physiological functions of an organism (Gipotalamo-gipofizarnaya oblast' i regulyatsiya fiziologicheskikh funktsiy organizma) Moscow. Izd-vo "Nauka", 1965. 311 p. illus., biblio. (At head of title: Akademiya nauk SSSR. Institut fiziologii im. I. P. Pavlova) Errata slip inserted. 2300 copies printed.

TOPIC TAGS: human physiology, hormone, respiratory system, cardiovascular system, hypothalamus, hypophysis, pulmonary disease, circulatory system disease, pathology, hervous system, central nervous system

PURPOSE AND COVERAGE: The role of the hypothalamic-hypophysial region in the functional regulation of the organism is treated. Besides thorough coverage of the literature in the field, the book presents original experimental material obtained by the author and his colleagues showing the mechanisms of the regulation of cardiovascular activity, trophic processes, and sleep and wakefulness, by the hypothalamic-hypophyseal region. The possibility that reflex systems are produced through the hypothalamus by means of complex neurohumoral mechanisms is presented. Data presented on the participation of the hypothalamic-hypophysial region in the development of some pathological conditions (cardiovascular disorders, pneumonia and pulmonary edema) render the book useful for physiologists and a wide variety of medical specialists.

Card 1/4

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ACC NR: AM6012106

Pneumonia during stimulation of the superior cervical sympathetic ganglis -- 239
Vagus pneumonia -- 252
Various forms of pulmonary edema -- 261
Adrenalin pulmonary edema -- 265

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SUB CODE: 06/ SUBM DATE: 15Nov65/ ORIG REF: 304/ OTH REF: 418/

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L 28045-66 SOURCE CODE: UR/0239/65/051/006/0755/0761 ACC NR: AP6018179 3/ AUTHOR: Tonkikh, A. V.; Il'ina, A. I.; Teplov, S. I. B Old: Laboratory of Physiology of the Vegetation Nervous System and Nervo Trophism, Institute of Physiclogy im. I. P. Pavlov, AN SSSR, Leningrad (Laboratoriya fiziologii vegetativnoy nervnoy sistemy i nervnoy trofiki Instituta fiziologii AN SSSR) TITLE: Changes in the electrical activity of the hypothalamus upon irritation of a sensory nerve or administration of adrenaline 22 SOURCE: Fiziologicheskiy zhurnal, v. 51, no. 6, 1965, 755-761 TOPIC TAGS: pharmacology, electrophysiology, cat, EEG, brain, blood pressure. rasopressin, animal physiology ABSTRACT: In experiments on cats, irritation of the central end or a severed sciatic nerve (a pain irritation) and intravenous injection of adrenaline had the same effect on the electric activity of the hypothalamus: the activity in both the anterior and posterior divisions of the hypothalamus was increased (desynchronization of EEG rhythms took place and the amplitude of EEG waves was increased). This reaction coincided with an increase in the blood pressure, but was sometimes accompanied by a blood pressure decrease. Within 1.5-3 hrs. after the primary effect (stimulation of the electrical activity of the hypothalamus following the pain UDC: 612.822.3.087

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irritation or injection of adrenaline), a second increase in the electrical activity of the hypothalamus took place, which coincided with the prolonged wave of blood pressure increase described in the authors' earlier work. One may assume that a chain neuro hormonal reaction involving stimulation of the hypothalamus developed both in response to irritation of the sciatic nerve and to injection of adrenaline. Irritation of the sciatic nerve stimulated the sympathico-adrenal system; vasoconstriction under the effect of nerve action and also release into the blood of adrenaline and vasopressin, which was controlled by the vegetatic centers of the hypothalamus, took place. The initially released adrenaline stimulated the hypothalamus, with the result that vasopressin was released, producing the second, prolonged increasin blood pressure, which was of purely hormonal origin. Orig.	er Ve
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TONKIKH, Anna Vasil'yevna [Hypothalamo-hypophysial region and the regulation of physiological functions of the body] Gipotalamogipofizarnaia oblast' i reguliatsiia fiziologicheskikh funktsii organizma. Moskva, Nauka, 1965. 311 p.

(MIRA 19:1)

TONKIKH, A.V.; ILTINA, A.I.; TEPLOV, S.I.

Changes in the electrical activity of the hypothalamus following stimulation of a sensory nerve and introduction of adrenaline. Fiziol. zhur. 51 no.6:755-761 Je 165. (MIRA 18:6)

1. Laboratoriya fiziologii vegstativnoy nervnoy sistemy i nervnoy trofiki Instituta fiziologii imeni Pavlova AN SSSR, Leningrad.

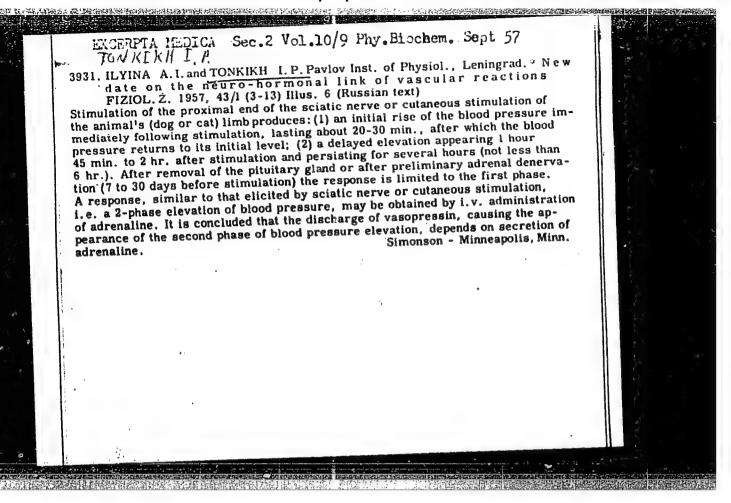
AL'FONTSEV, Ye.P., marksheyder; TONKIKH, I.M., marksheyder; ATNASHKIN, N.G., marksheyder

Instrument for fixing benchmarks. Ugol' 37 no.3:59 Mr '62. (MIRA 15:2)

1. Shakhta "Yagunovskaya" kombinata Kuzbassugol'. (Mine railroads--Equipment and supplies)

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Our experience in educational work. Pozh.delo 6 no.4:28-29 Ap '60.

(MIRAL3:11)

1. Pozharno-tekhnicheskoye uchilishche, L'vov.

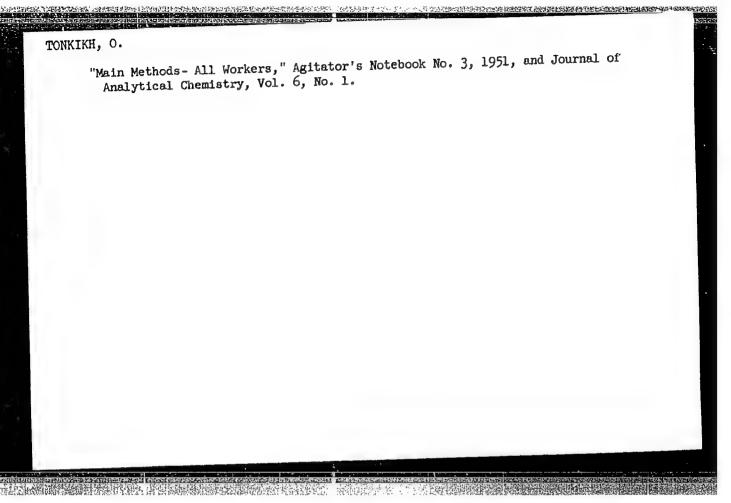
(Firemen-Education and training)

TONKIKH, K., prepodavatel'

After probation work. Pozh.delo 9 no.5:28 My '63. (MIRA 16:5)

1. L'vovskoye pozharno-tekhnicheskoye uchilishche.

(Fire prevention-Study and teaching)



BARABASHCHUK, O.V.; BAKHMUT, P.G. [Bakhmut, P.H.]; GUBINA, K.M. [Hubina, K.M.]; DEMYANKO, M.D.; KALITA, S.M.; KARACHENTSEVA, L.S.; KON-DRAT'YEVA, V.I.; KORZACHENKO, M.N.; LITVIHOVA, H.M. [Litvienova, H.M.]; SOKOLOVA, M.I.; STORONSKAYA, O.Y. [Storoga'ka, O.I.]; TRINKINA, N.V.; TONKIKH, P., otv. za Vypnak; MARCHENEOV, S., red.; KURITSA, G. [Kuritsa, H.], tekhn.red.

[Economy of Drogobych Province; statistical collection] Narodne hospodarstvo Drohobyts'koi oblasti; statystychnyi zbirnyk. Drohobych, 1958. 158 p. (MIRA 12:11)

1. Drogobych (Province) Statisticheskoye upravleniye. 2. Statisticheskoye upravleniye Drogobychskoy oblasti (for all except Tonkikh, Marchenkov, Kuritsa).

(Drogobych Province -- Statistics)

TORBIN, B.F., inzh.; UBAYDULLAYEV, Kh.; ZUFAROV, D.Z., inzh.; Prinimali uchastiye: TONKIKH, P.I.; TORBINA, N.A.

Preparation of cottonseed meal for storage. Masl.-zhir.prom. 28 no.2:39-42 F '62. (MIRA 15:5)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta zhirov (for Torbin, Ubaydullajev). 2. Yangiyul'skiy maslozhirovoy kombinat (for Zufarov).

(Cottonseed)

ISMAILOV, I.M., inzh.; GAVRILENKO, I.V., kand.tekhn.nauk; Prinimali uchastiye: KUTYAVIN, S.M.; ORESHKIN, D.K.; TADZHIBAYEV, G.T.; AKHUNDZHAHOV, A.I.; TONKIKH, P.I.; PAHCHENKO, A.I.; FEL'DSHER, M.G.; VOROBIHA, L.D.

Lowering the solvent content in seed meal before treatment in evaporators. Masl.-zhir.prom. 26 no.10:7-13 0 160. (MIRA 13:10)

1. Vsescyuznyy nauchno-issledovatel'skiy institut zhirov (for Ismailov, Gavrilanko). 2. Uch-Kurganskiy masloekstraksionyy zavod (for Kutyavin, Oreshkin, Tadzhibayev). 3. Sredneaziatskiy filial Vsescyuznogo nauchno-issledovatel'skogo instituta zhirov (for Panchenko, Fel'dsher, Voronina). (Uch-Kurgan-Oil industries-Equipment and supplies)

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L 04904-67 EWT(d)/EWP(1) IJP(c) GG/BB/GD SOURCE CODE: UR/0000/66/000/000/0007/0013 ACC NR: AT6028704

AUTHOR: Filippov, N. A.; Tonkikh, S. A.

ORG: none

TITLE: A device for rounding off binary numbers 1/2/

SOURCE: AN KirgSSR. Institut avtomatiki. Uzly i ustroystva diskretnogo deystviya (Digital elements and devices). Frunze, Izd-vo Ilim, 1966, 7-13

TOPIC TAGS: circuit design, binary number, computer coding

ABSTRACT: Telemetry and computer technology sometimes round off large (multi-digit) numbers in order to store and transmit them, i.e., only a few (n) of the more significant digits beginning with the first are recorded or sent, while the remaining (p) digits are replaced by zeros, and only the number of them is recorded. In this process the number (n) of significant digits used determines the exactness of the recorded number. The article describes a device using magnetic elements with a rectangular hysteresis loop which uses less than usual amounts of pulsed current alone. The aspects treated are: a block diagram of a complete rounding-off circuit, the individual location, a dynamic valve, a scaling circuit, a blocking oscillator, and the operation of the whole device. The number of zeros in the rounded-off number (m) is

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connected with the number of zero-digit locations (p) by the relation $2^{m} = p$. The range of rounded numbers runs from 0 to 2^{p+n} (n = number rounded off). The structure of this device may be easily changed by adding new binary locations one or several at a time to the locations for the rounded-off number; this increment may be constant or variable. Compression of the initial number increases as counting elements (for the number of zeros) increases in each step and accuracy in reproducing the compressed number is sacrificed. The numbers must be transposed into the numerical system desired, i.e., binary or decimal. Orig. art. has: 2 figures.

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ACC NR: AP6008554

SOURCE CODE: UR/0166/66/000/001/0083/0089

43 B

AUTHOR: Shul'gin, P.I.; Kallistov, A.P.; Tonkikh, V.K.; Sheheglov, N.V.

ORG: Physics Technical Institute, AN UzSSR (Fiziko-tekhnicheskiy institut AN UzSSR)

TITLE: A photoelectric semiconductor water turbidity analyzer

SOURCE: AN UzSSR. Izvestiya. Seriya fiziko-matematicheskikh nauk, no. 1, 1966, 88-89

TOPIC TAGS: semiconductor device, turbidimeter, photoelectric effect, measuring instrument

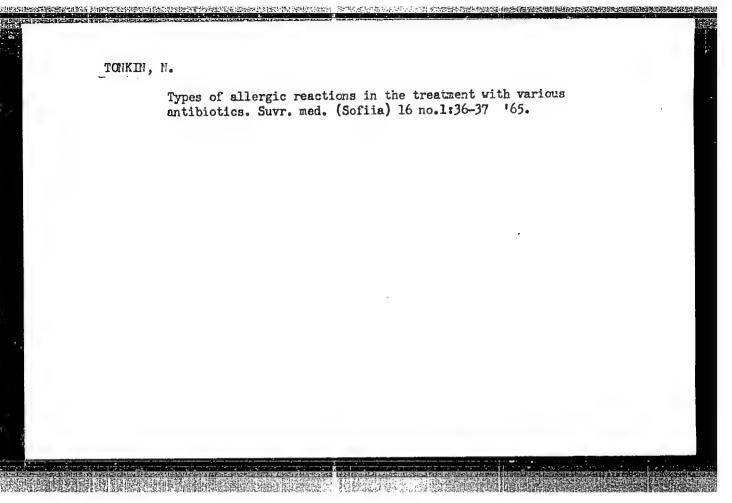
ABSTRACT: This article describes a field photoelectric device by means of which it is possible to determine the turbidity of water in 1.5-2 min with an accuracy of at least 2-3%. The device was patented under Registration Certificate No. 36269, April 22, 1963. Silicon photocells mamufactured in FTI AN UZSSR (Knigin, P.I., Dubrovskiy, L.A. "Izv. AN UZSSR," seriya fiz.-mat. nauk, 1962, no. 3) were used as sensors. The device also incorporates P-13 semiconductor triodes, a potentiometer, and resistors. The analyzer was tested in laboratory and field conditions. The laboratory tests showed that the calibrated curves fully represent the turbidity of the water. The field experiments were conducted at the hydrostations of Ak-Dzhar, Kyzyl-Kishlak (Syrdar'ya River), and Card 1/2

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its a	ccuracy	y are at l	east of an or	der higher t	han the co ty of water	rresponding r. Orig. al	g data obtainert. has: 2 fig	ures.
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TONKIN, L.I.

General form of a functional in the space of functions analytical in a semicircular domain. Dokl.AN SSSR 138 no.3:549-552 My '61. (MIRA 14:5)

1. Predstavleno akademikom S.N.Bernshteynom. (Functional analysis)



Frequency of oral resolions in the pertral treatment with some wide-spectrum antibiotics. Dermato wener Sofia 3 nc. 1000-103 164.

1. City Pormatovenereal Mispo Sary, Sofia (Chief Physician: Isviev, d-r).

AUTHOR:

Tonkogiy, A.V., Basina, I.P. and Vdovenko, M.I.

TITIE:

A cyclonic pyrometallurgical process. (Tsikonnyy pirometallurg-

icheskiy protsess.)

PERIODICAL: "Tsvetnye Metally" (Non-ferrous Metals), 1957, No. 1, pp. 30 - 42, (U.S.S.R.)

ABSTRACT:

In this article a cyclonic smelting method, characterised by high process intensity and metallurgical efficiency is described. Theoretical investigation of conditions in cyclone combustors have confirmed that the combustion process occurs mainly on the walls of the cyclone. On the basis of preliminary experiments and theoretical studies a pilot plant scale installation, used for the cyclonic smelting of copper and copper-zinc concentrates, was constructed. The diameter of the cyclone was 430 mm, its height 780 mm and the diameter of the opening in the flat bottom of the cyclone was 170 mm. The cyclone was placed over a large settling chamber (1 130 x 1 600 mm and 1 100 mm high) into which both the liquid and gaseous products of the cyclone passed. From the settling chamber the gases pass via a heat exchanger and extractor fan to a stack, the heat exchanger serving to pre-heat combustion air. The charge was fed directly into the cyclone by a screw feeder. Liquid fuel was used, supplied at 4 atm. pressure through a centrifugal jet. The rate of smelting the charge was about 300 kg per hour, the corresponding fuel rate being about 80 kg per hour and the excess air factor being either 1.05 or

[1] 中心中国的大学的特殊。

A cyclonic pyrometallurgical process. (Cont.) 283 1.18. A temperature of about 1 400 °C was obtained in the settling chamber. The pressure drop through the cyclone was about 40 mm mercury.

The utilisation of smelting space in the cyclonic installation was several times higher than in reverberatory copper smelting furnaces or in fluidised-state reactors. This confirms theoretical expectations of higher relative gas/particle velocities in the cyclone. The fact that roasting and melting occur simultaneously in the cyclone reactor enables fuel consumption for production of the metal to be greatly reduced; with high air-pre-heat and high sulphide content in the charge carbonaceous fuel can be dispensed with altogether. The degree of de-sulphurisation in the cyclone can be easily controlled over a wide range by altering the quantity of air admitted to the cyclone.

It is expected that under industrial conditions the exit gases from the cyclone will contain 9-12% sulphur dioxide, which would enable them to be used for sulphuric acid manufacture. The cyclonic method could be used for treating multi-component concentrates with the separate extraction of valuable components into the melt and sublimate.

From the preliminary experiments, the dust content of the gases directly after the settling chamber is 2.0-5.0 g/m2. Since no special grinding or drying of the charge is required for cyclonic smelting, preparation equipment can be simplified.

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A cyclonic pyrometallurgical process. (Cont.) 283

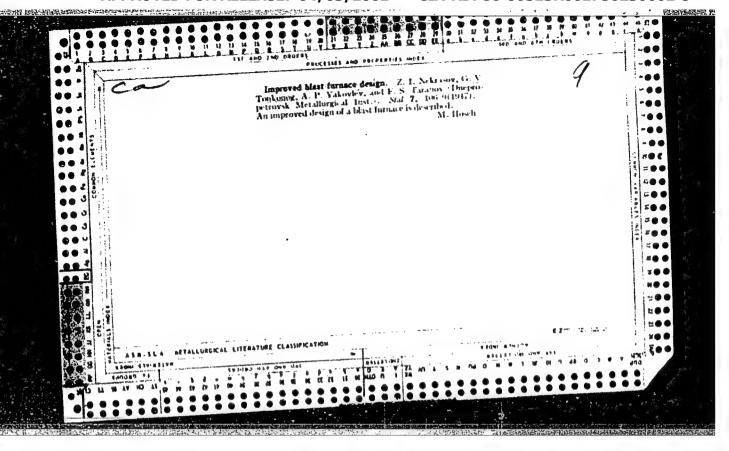
The whole cyclonic smelting operation lends itself to automation and, compared with reverberatory furnaces, secures the production of richer matter and increased converter productivity.

There are 8 figures and 11 references, 7 of which are Russian.

The work was carried out at the Energetics Institute of the Academy of Sciences of the Kazakhstan S.S.R.

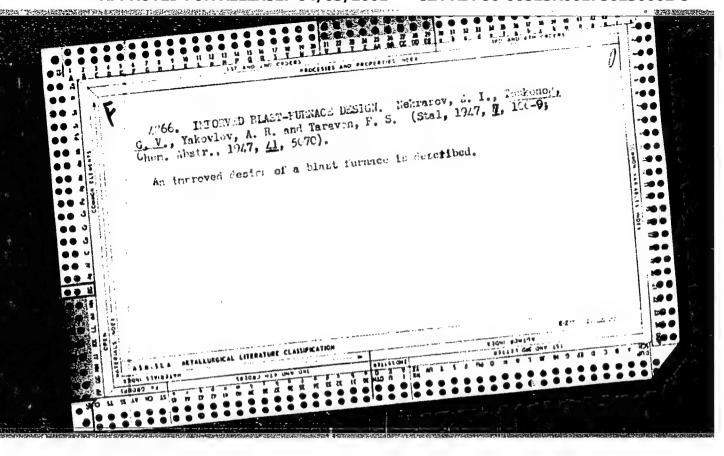
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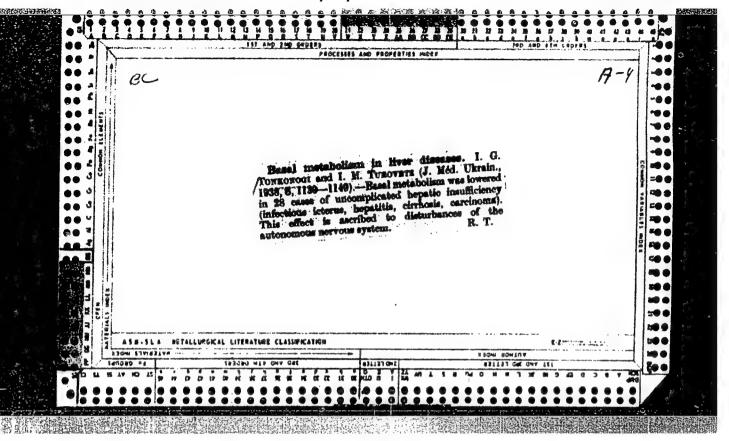
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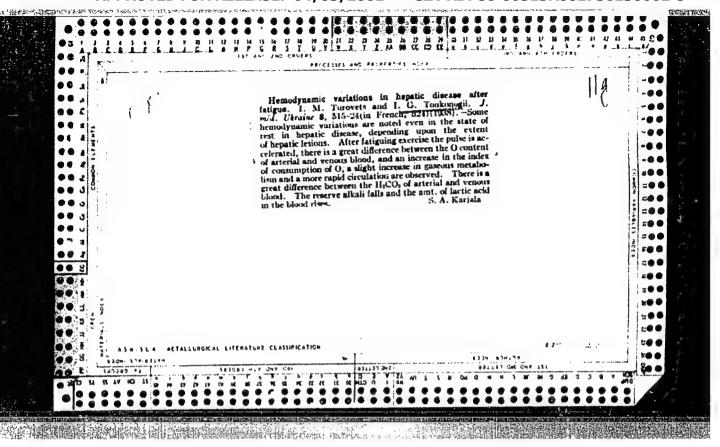


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BALABUSHEVICH, Illarion Arkad'yevich; SUBBOTIN, S.I., akademik, otv. red.; TONKONOG, B.M., red.; LISOVETS, A.M., tekhn. red.

[Higher derivatives of the gravitational potential and their applicability in geological gravimetry] Vysshie proizvodnye potentsiala sily tiazhesti i vozmozhnosti ikh ispol'zovaniia v geologicheskoi gravimetrii. Kiev, Izd-vo
AN USSR, 1963. 266 p. (MIRA 16:12)

1. Akademiya nauk Ukr.SSR (for Subbotin).
(Potential, Theory of) (Gravimetry)
(Gravity prospecting)

TONKONOG, G.V.; ARIST, L.M.; ROFUSTOV, A.M.; KUTNER, M.B.; PODKANIOR, N.N.; LITVINENKO, V.I.; GOROBETSKIY, A.N.; SHCHERBIN, A.I.; MAMENKO, V.V.

Mechanization operations in the casting house and at the hearth of large-capacity blast furnaces. Stal* 25 no.2:102-107 F *65. (MIRA 18:3)

HEKRASOV, Z.I., detsent; TCHKOHOG, G.V., inshener; TAKOVIEV, A.P.;
TARAHOV, F.S.

Impreving the construction of blast furnaces, Stal' 7 ne.2:106-109 '47. (MIRA 9:1)

1.Daspropetrovskiy metallurgicheskiy institut. (Blast furnaces)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756230002-5"

TONKONCO, L.A. [Tonkonoh, L.O.]

The 1960 publishing plan of the Academy of Sciences of the Ukrainian S.S.R. Prykl.mekh. 6 no.1:117-119 '60. (MIRA 13:6) (Academy of Sciences of the Ukrainian S.S.R.)

ELOVICI, S.I. [deceased]; TONKONOG, L.G.

Problem of the mechanism of sorption by the exchange of ions of the ion complex. Analeke chimie 18 no.1:115-119 Ja-Mr '63.

TONKONOG. L. G., Cand Chem Sci -- (diss) "Ion-exchange equilibria and the chromatography of complex ions." Moscow, 1960. 11 pp; (Academy of Sciences USSR, Inst of General and Inorganic Chemistry im N. S. Kurnakov); number of copies not given; price not given; (KL, 30-60, 136)

APPROVED FOR RELEASE: 04/03/2001 CIA-RDP86-00513R001756230002-5"

YELOVICH, S.Yu. [deceased]: TONKONOG, L.G.

Complex anions of nickel with nitrilotriacetic acid. Zhur.neorg.khim.
6 no.8:1791-1794 Ag '61.

(Nickel compounds) (Acetic acid)

(Nickel compounds)

YELOVICH, S.Yu. [deceased]; TONKONOO, L.G.

Ionic exchange of complex compounds in mixed media. Zhur.neorg.khim.
6 no.8:1795-1800 Ag '61. (MIRA 14:8)

(Complex compounds) (Ion exchange)

128

PHASE I BOOK EXPLOITATION

307/6246

Soveshchaniye po tscolitam. 1st, Leningrad, 1961.

Sinteticheskiye tseolity; polucheniye, issledovaniye i primeneniye (Synthetic Zeolites: Production, Investigation, and Use). Moscow, Izd-vo AN SSSR, 1962. 286 p. (Series: Its: Doklady) Errata slip inserted. 2500 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Otdeleniye khimicheskikh nauk. Komisiya po tseolitam.

Resp. Eds.: M. M. Dubinin, Academician and V. V. Serpinskiy, Doctor of Chemical-Sciences; Ed.: Ye. G. Zhukovskaya; Tech. Ed.: S. P. Golub'.

PURPOSE: This book is intended for scientists and engineers engaged, in the production of synthetic zeolites (molecular sieves), and for chemists in general.

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